

FIG.1

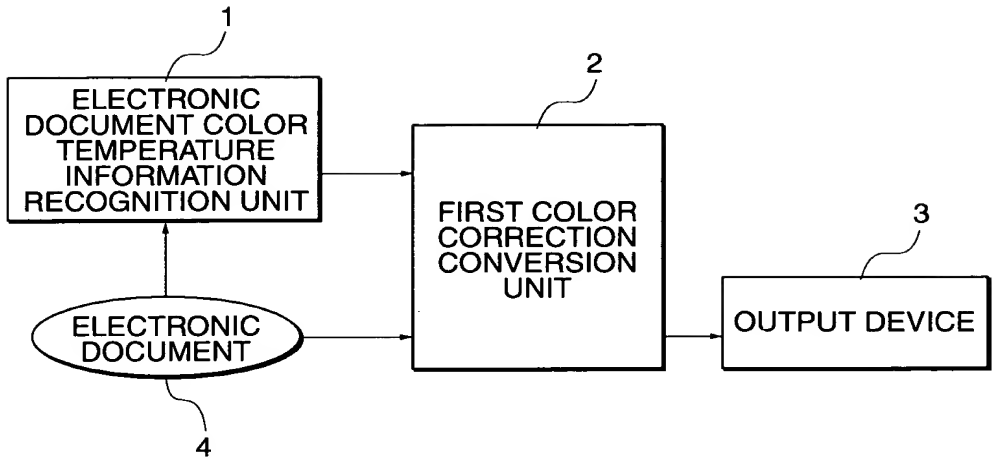


FIG.2

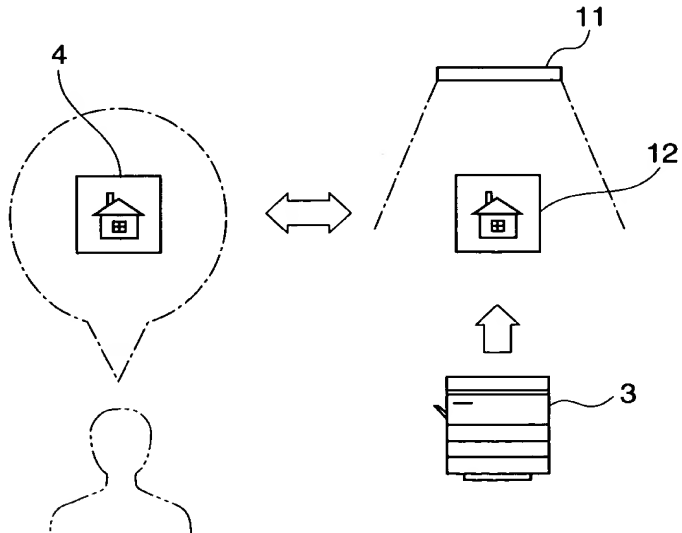


FIG.3

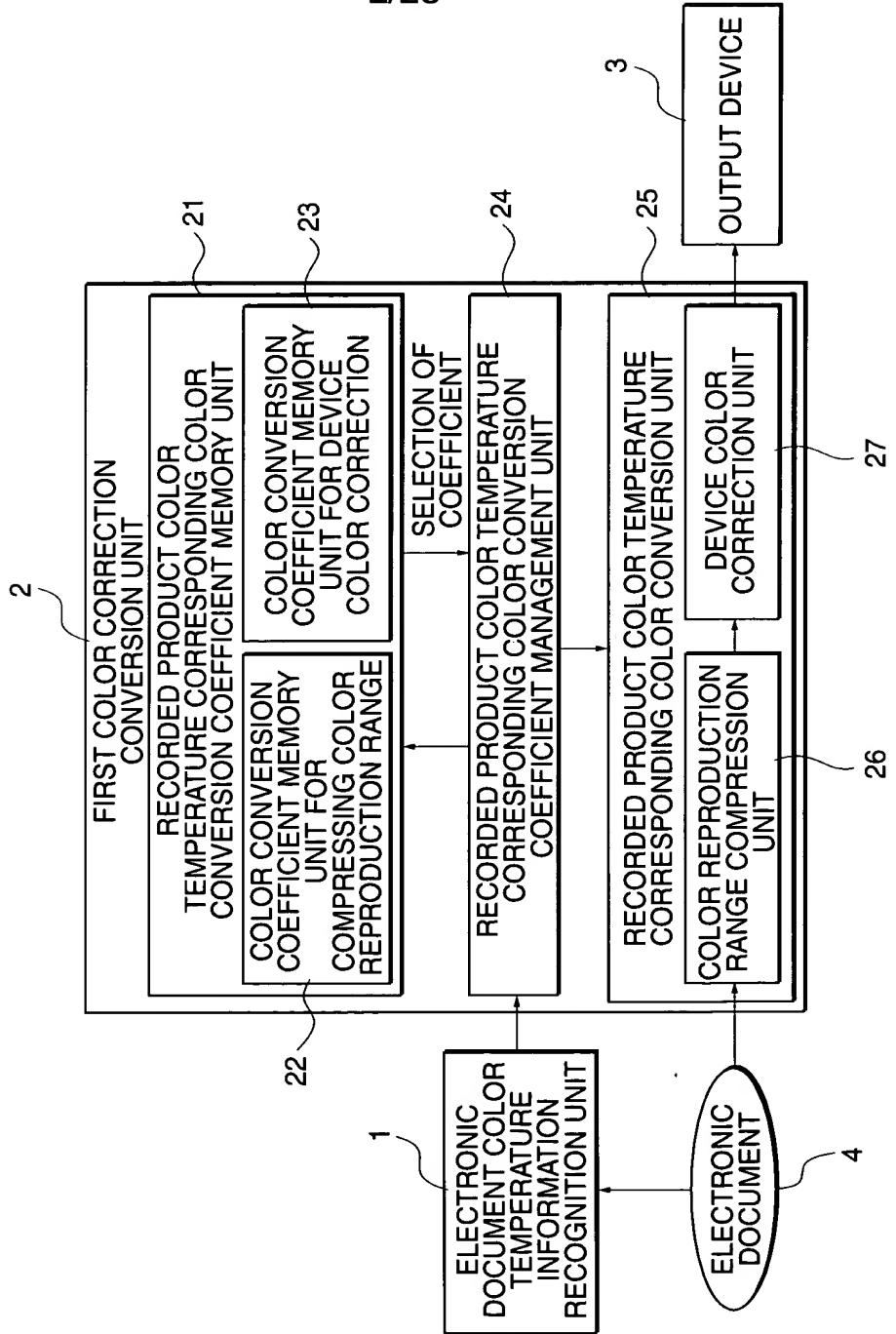


FIG.4

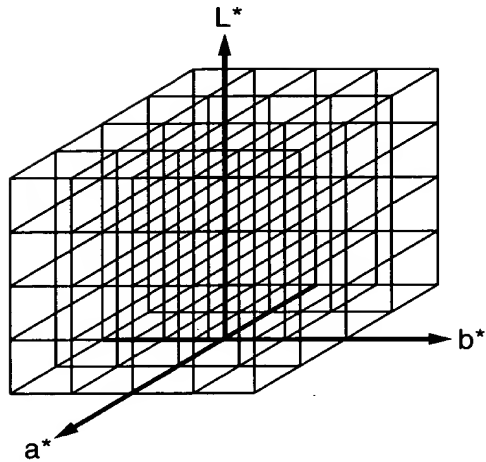


FIG.5

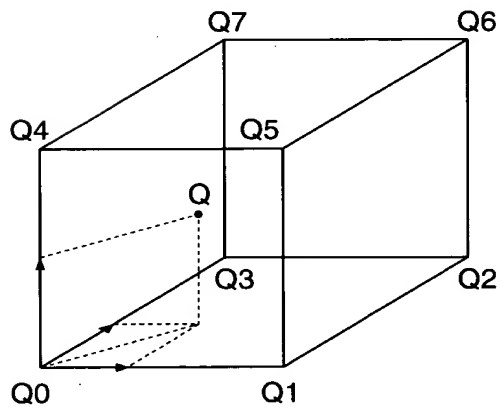
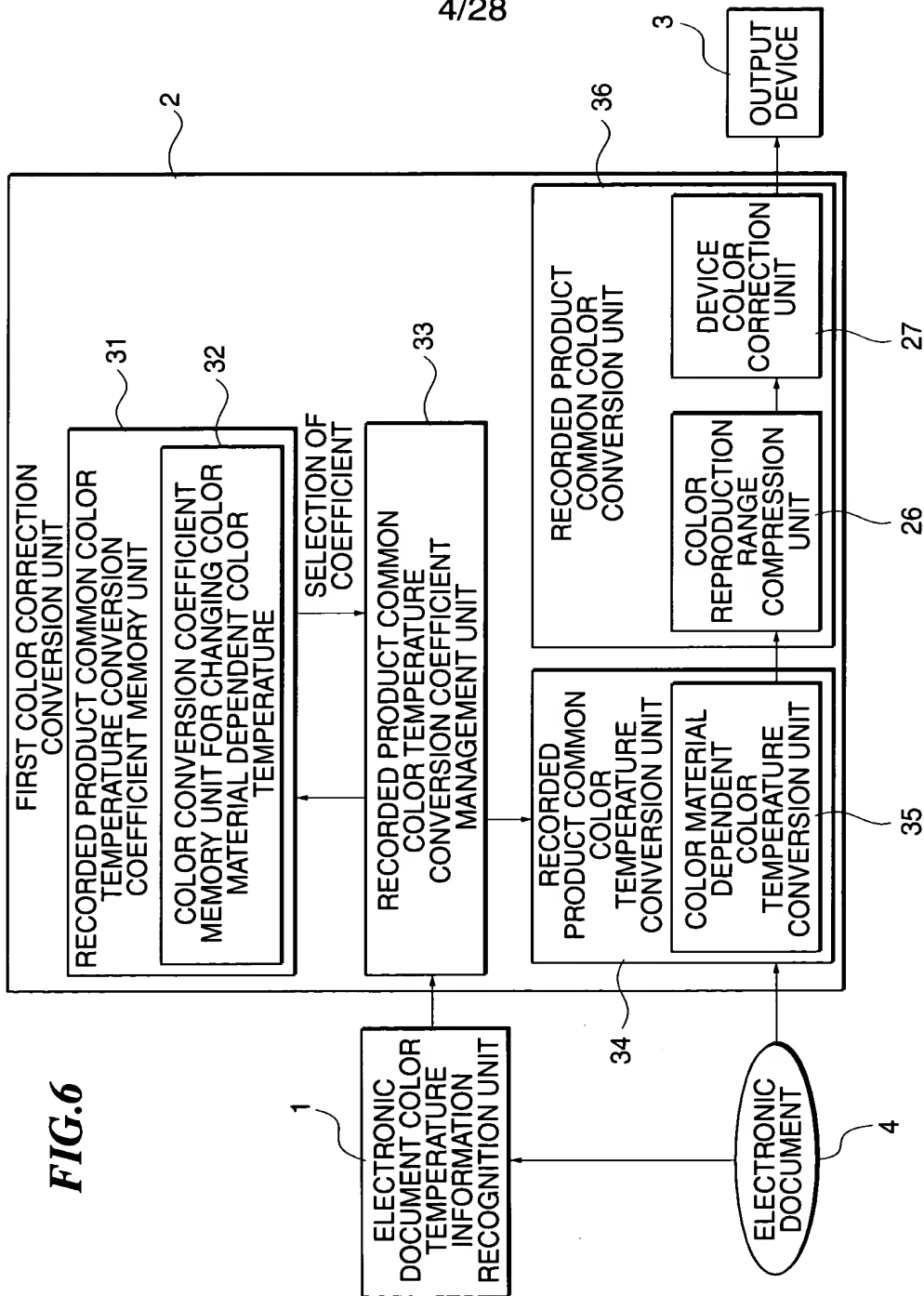


FIG.6



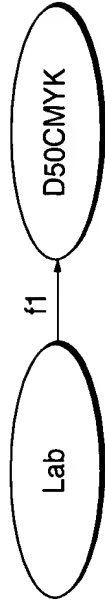


FIG. 7A

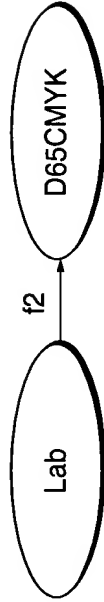


FIG. 7B



COLOR MATERIAL
DEPENDENT COLOR
TEMPERATURE
CONVERSION UNIT
 $f_2 \cdot f_1^{-1}$

DEVICE COLOR
CORRECTION UNIT
 f_2

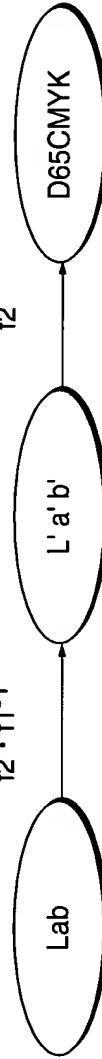
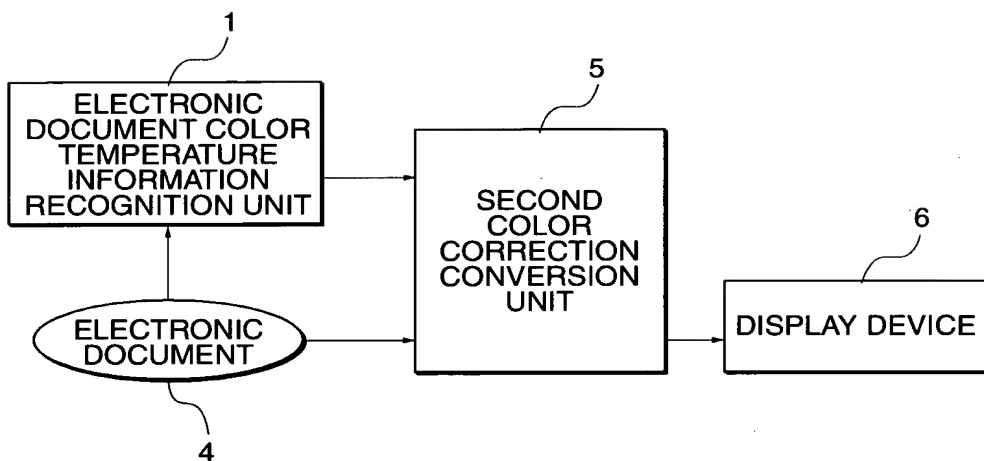


FIG. 7C

FIG.8

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FIG.9A

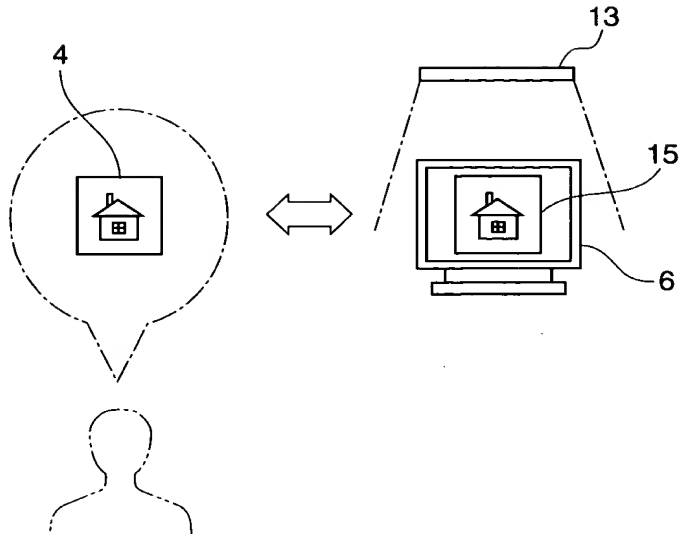


FIG.9B

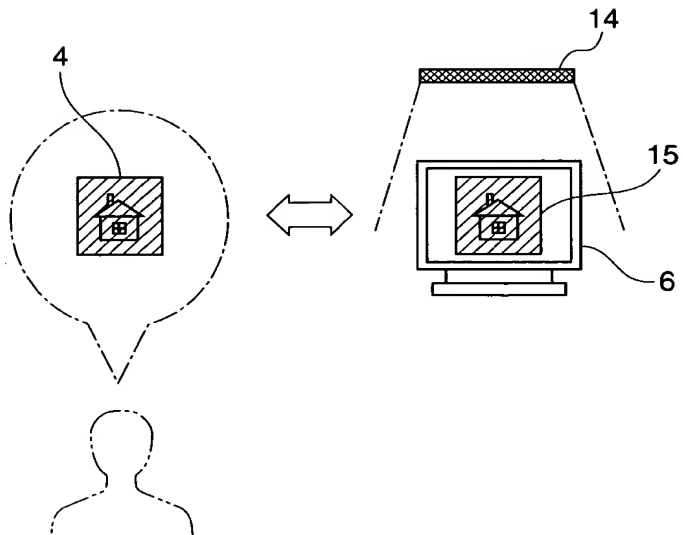


FIG.10

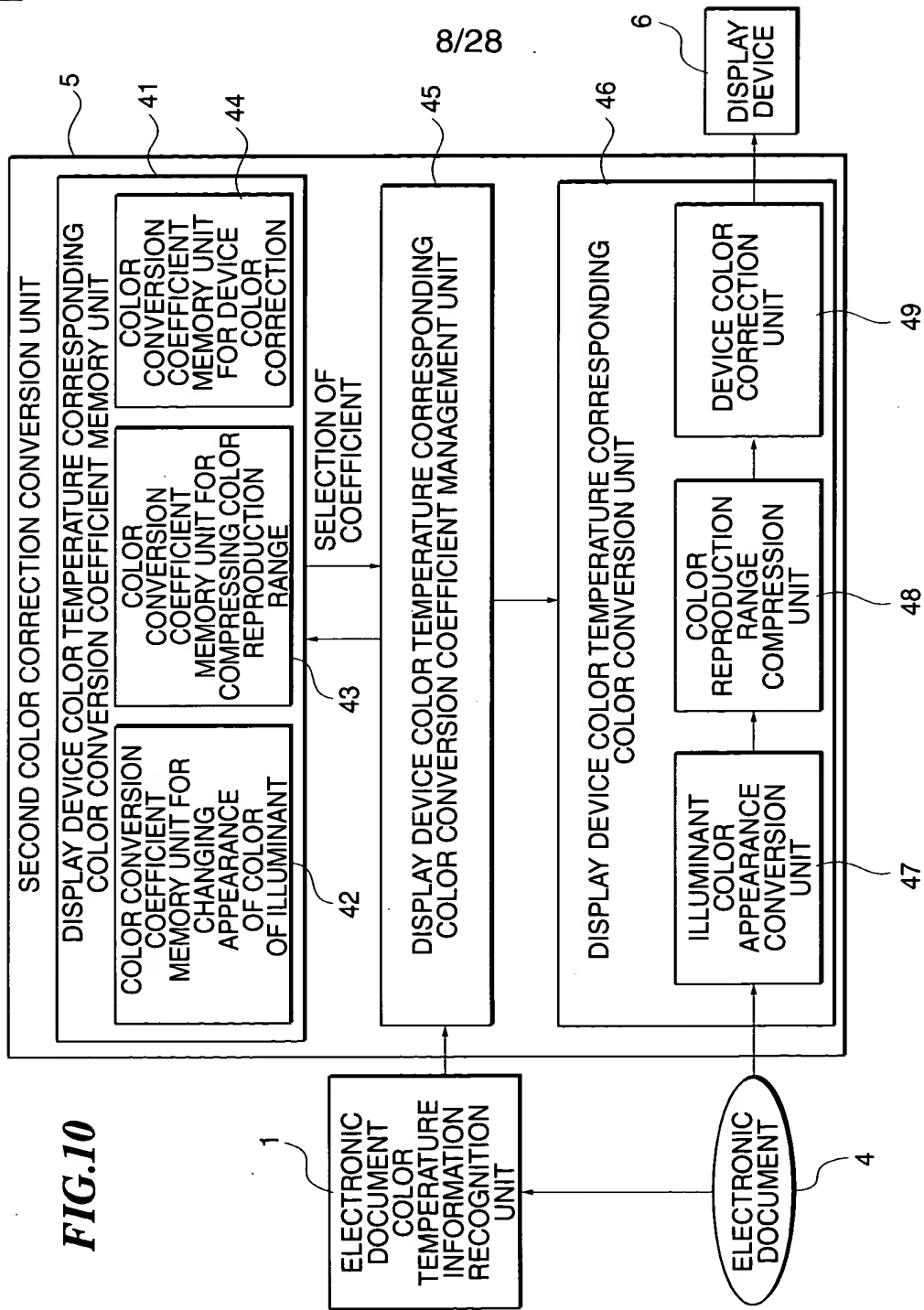


FIG. 11

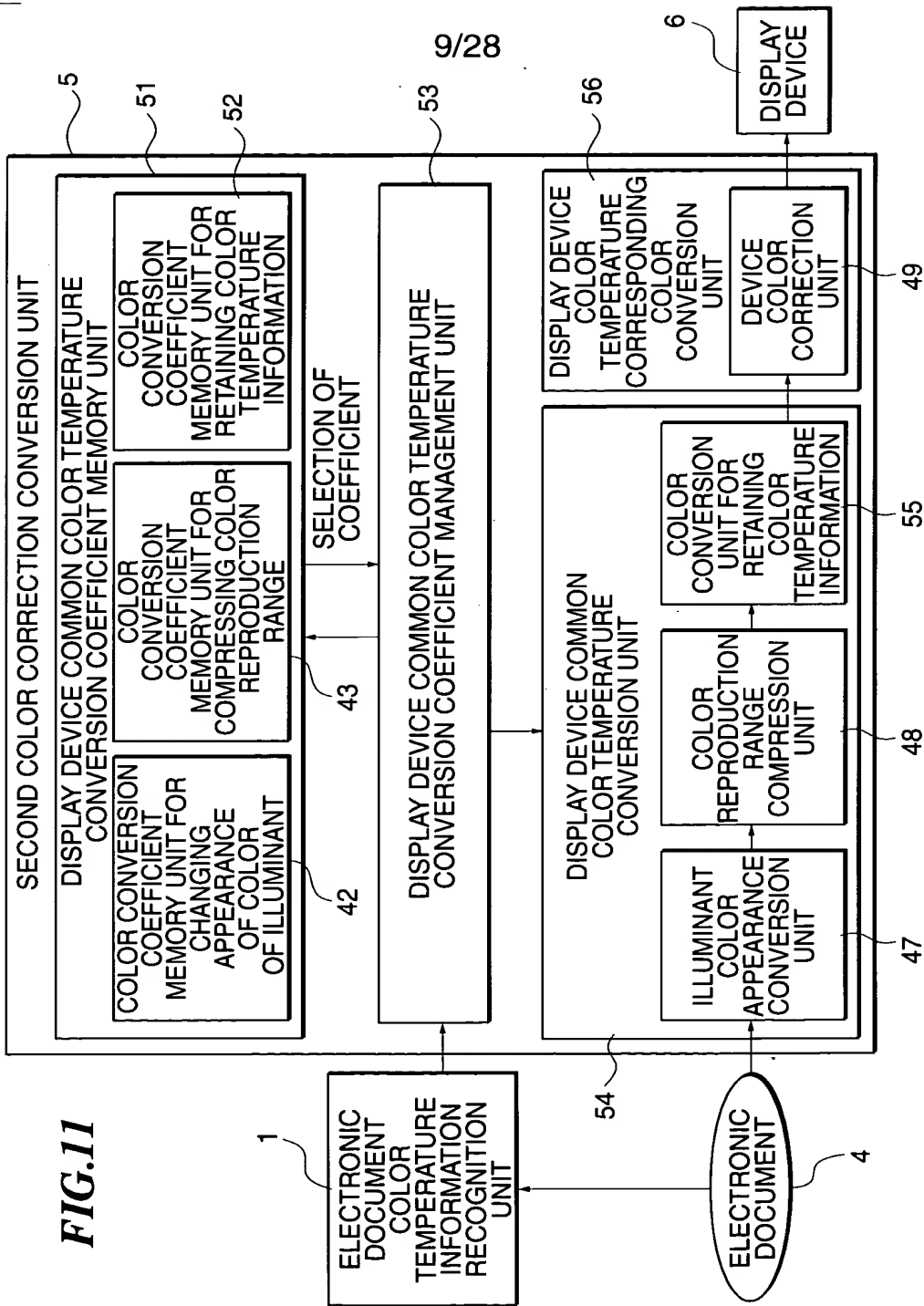


FIG.12

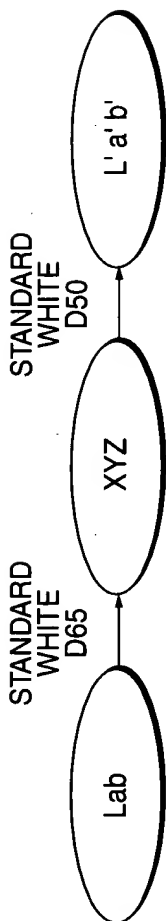
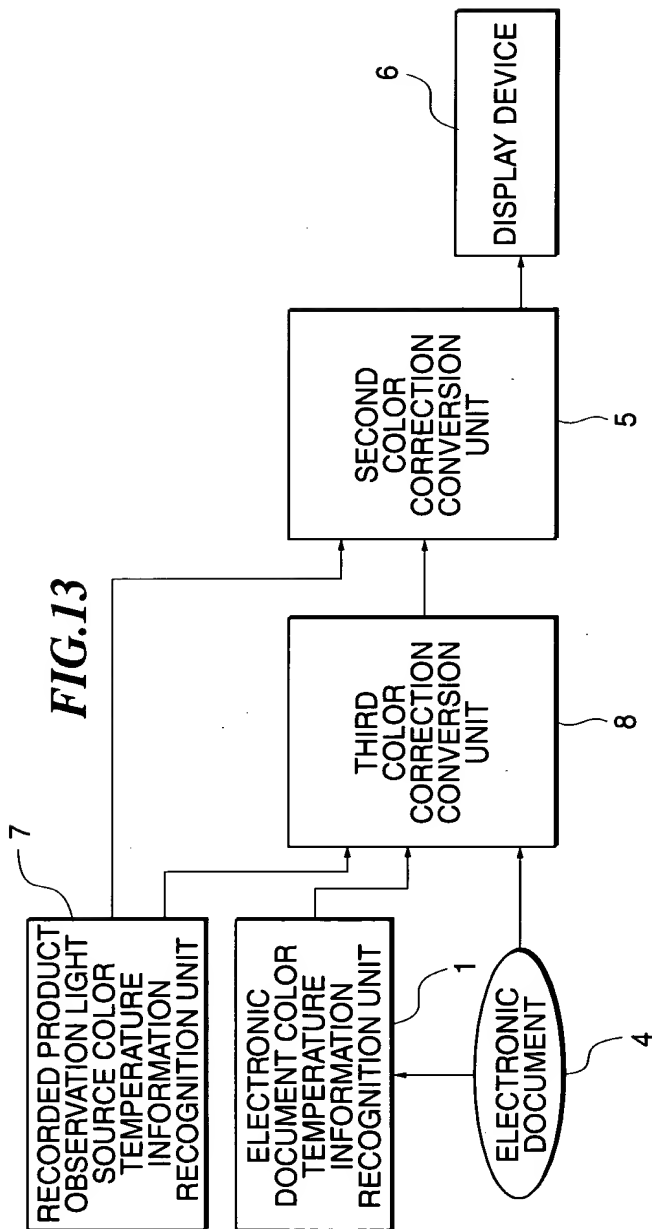
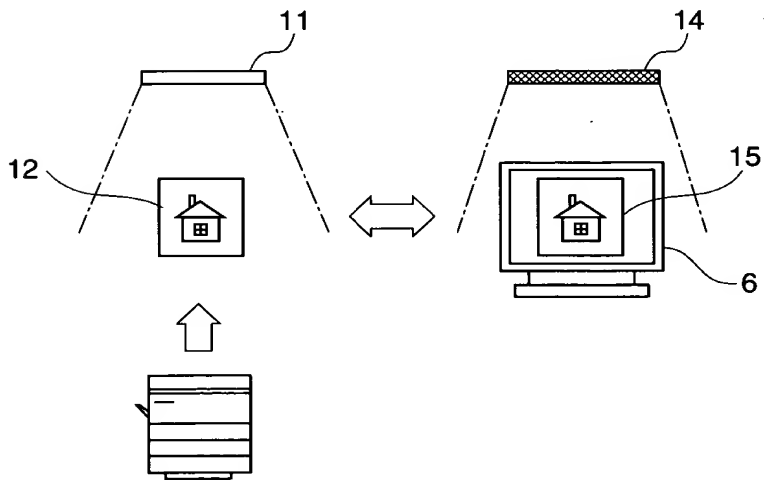


FIG.13





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FIG.16A

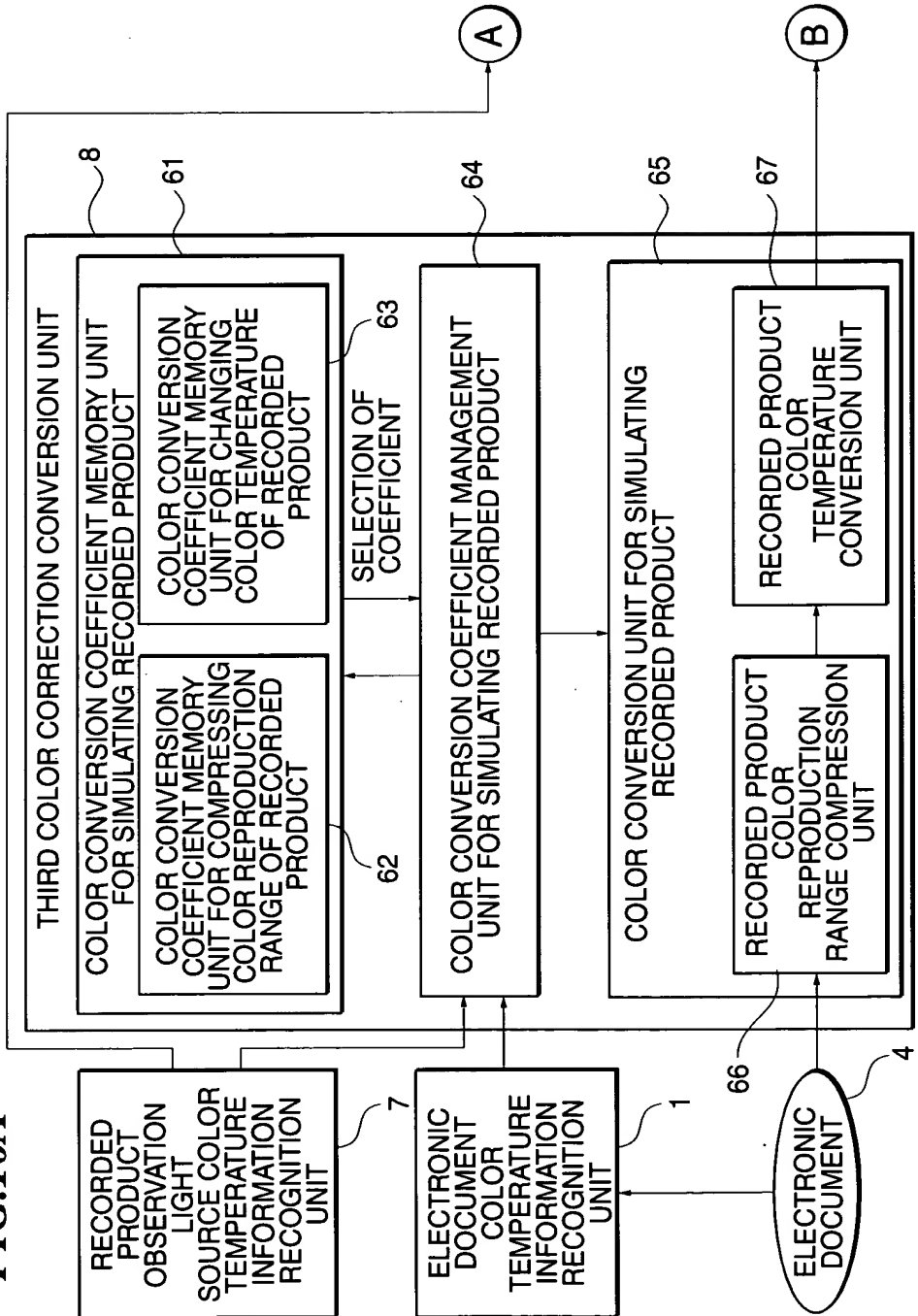


FIG.16B

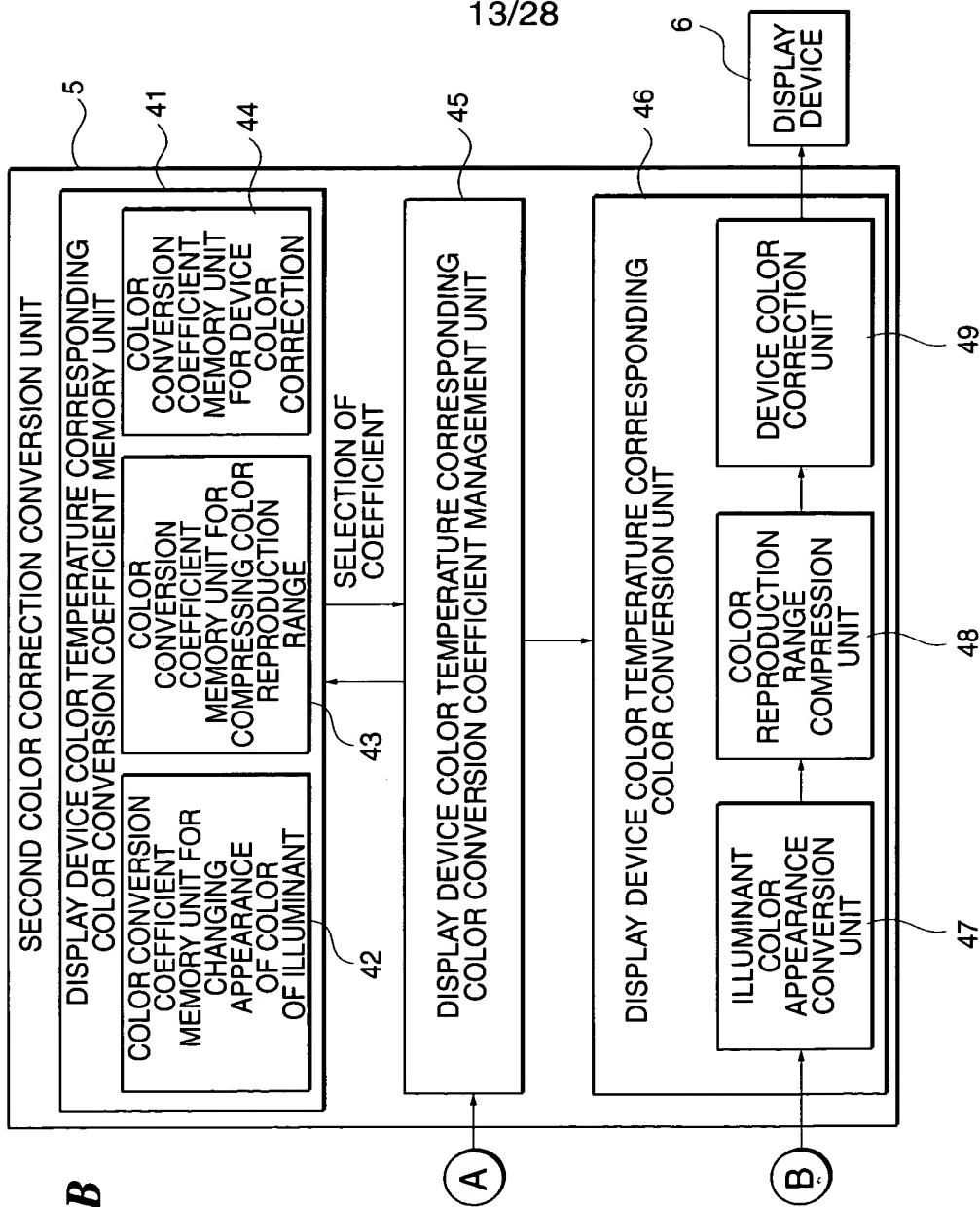


FIG. 17A

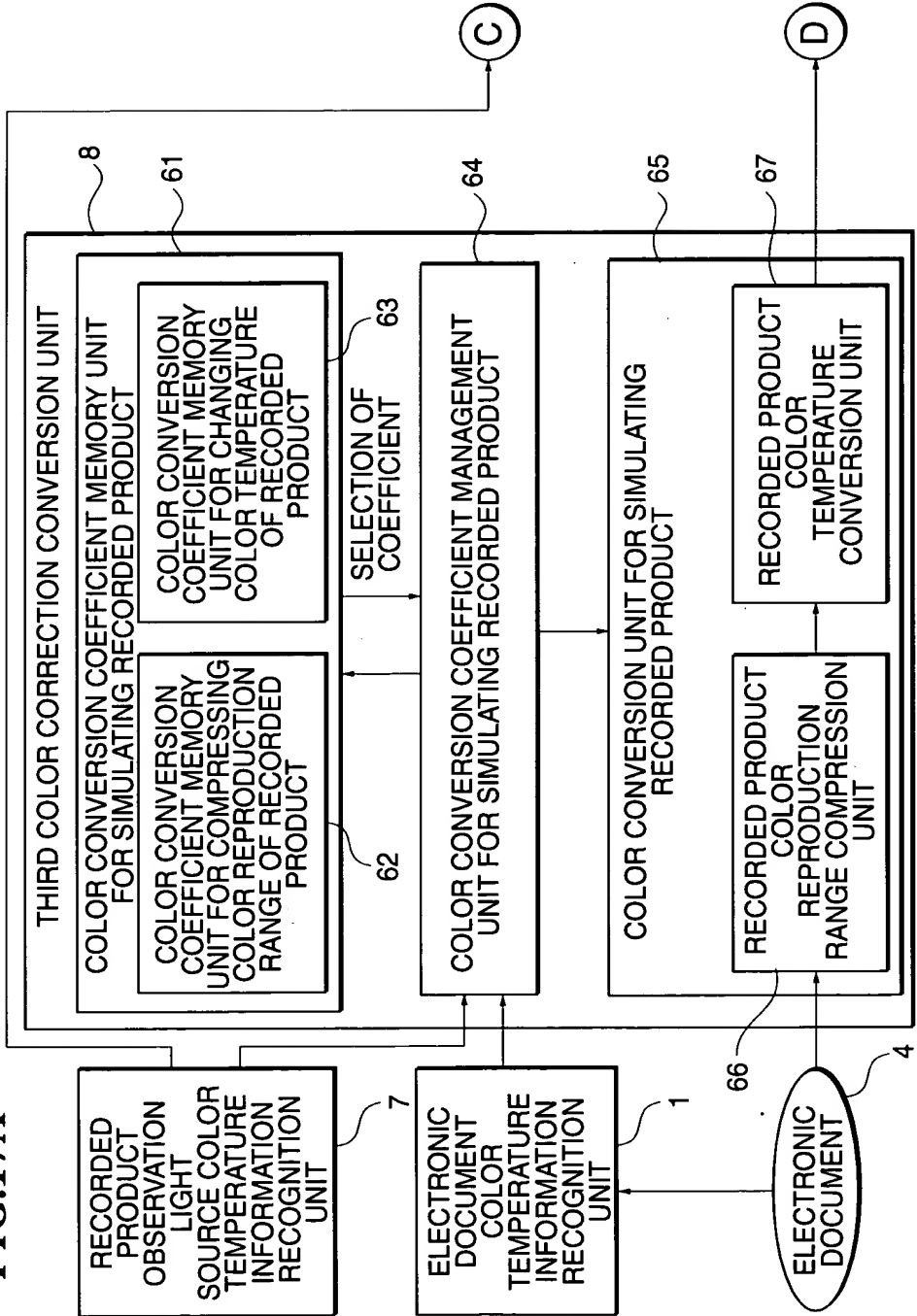


FIG.17B

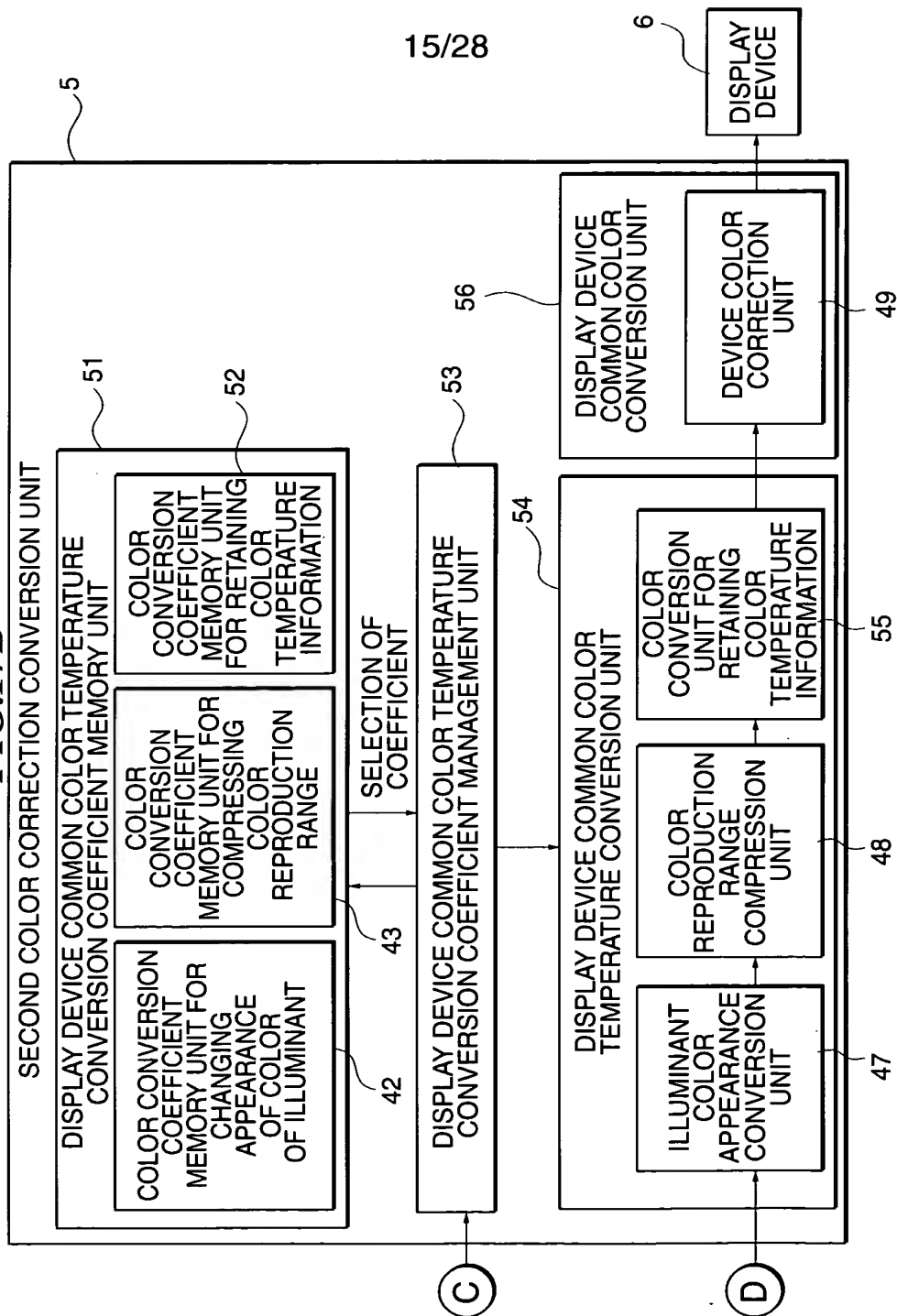


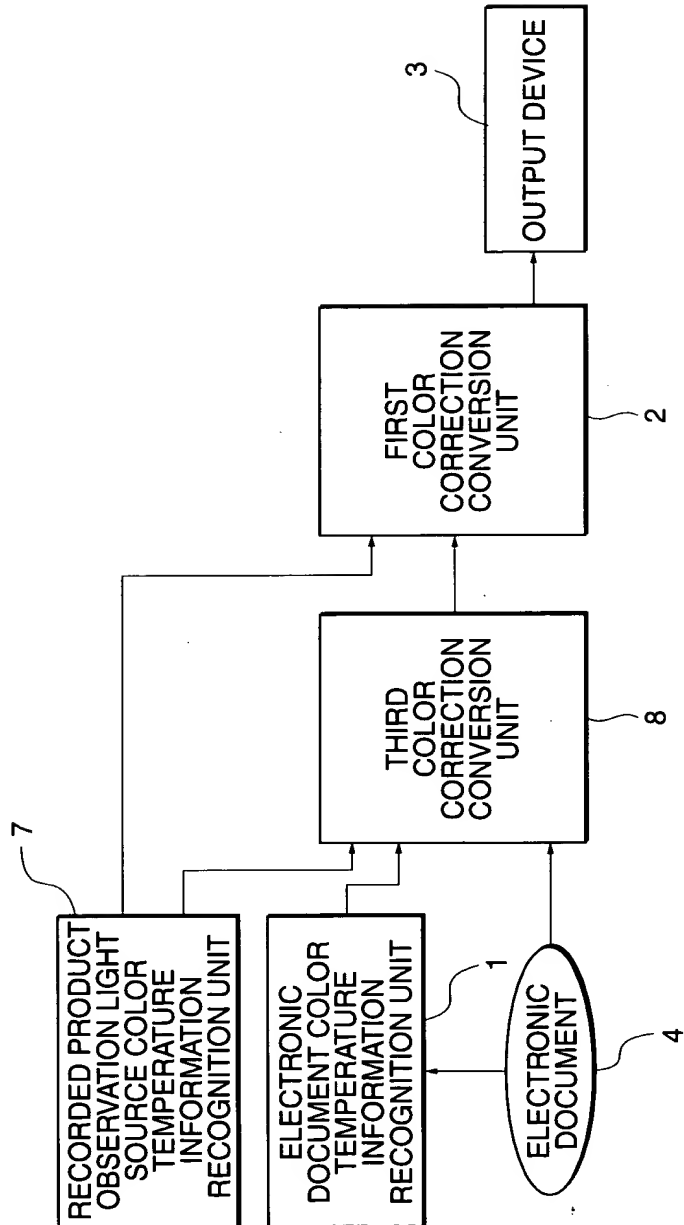
FIG.18

FIG.19

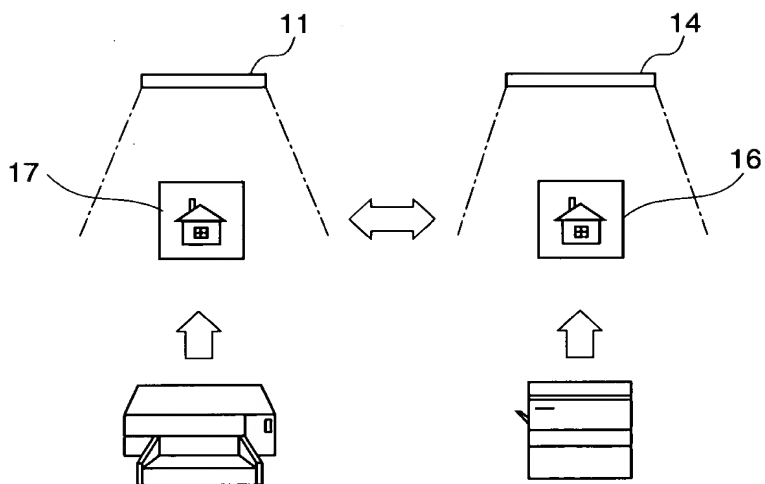


FIG. 20A

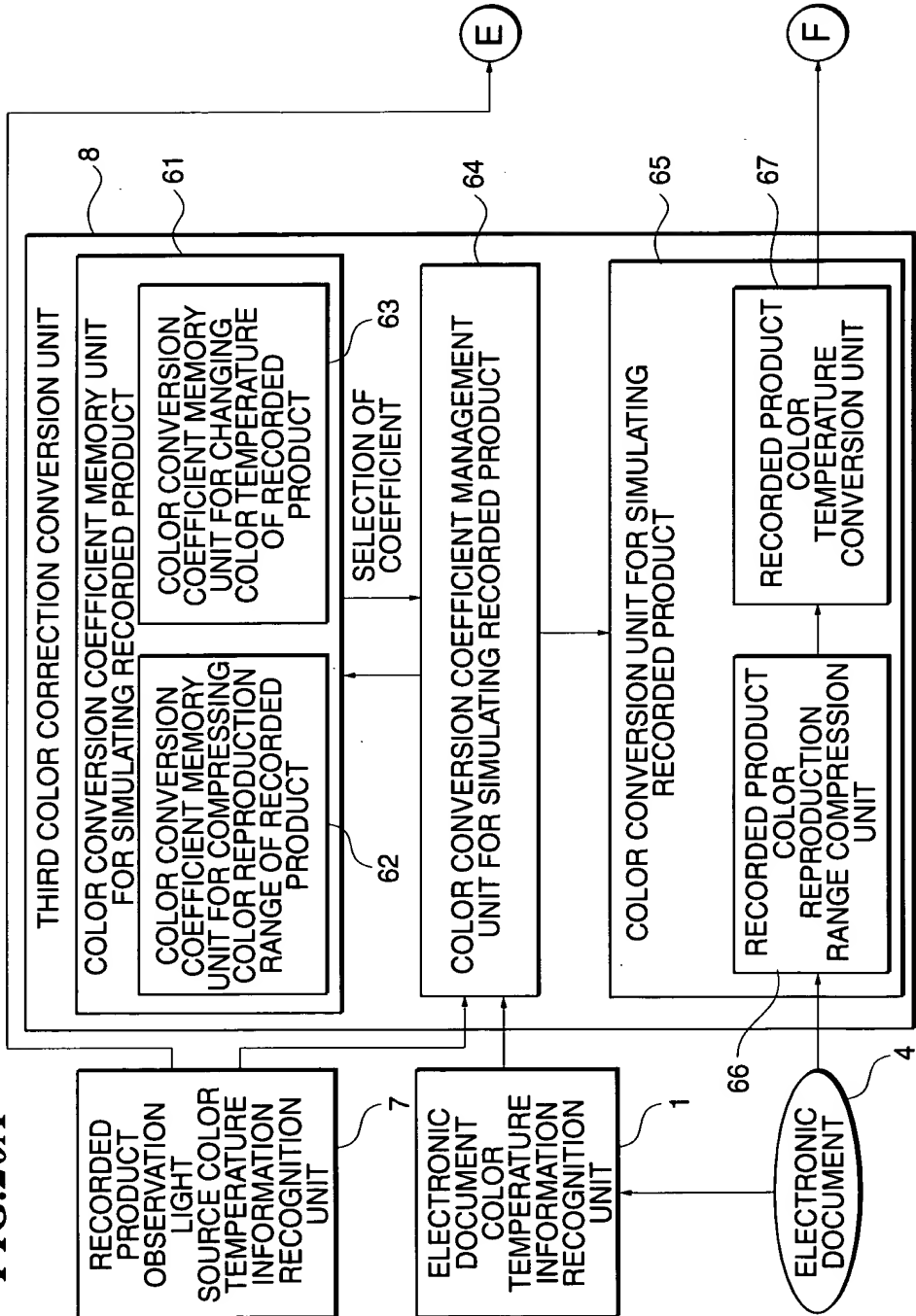


FIG.20B

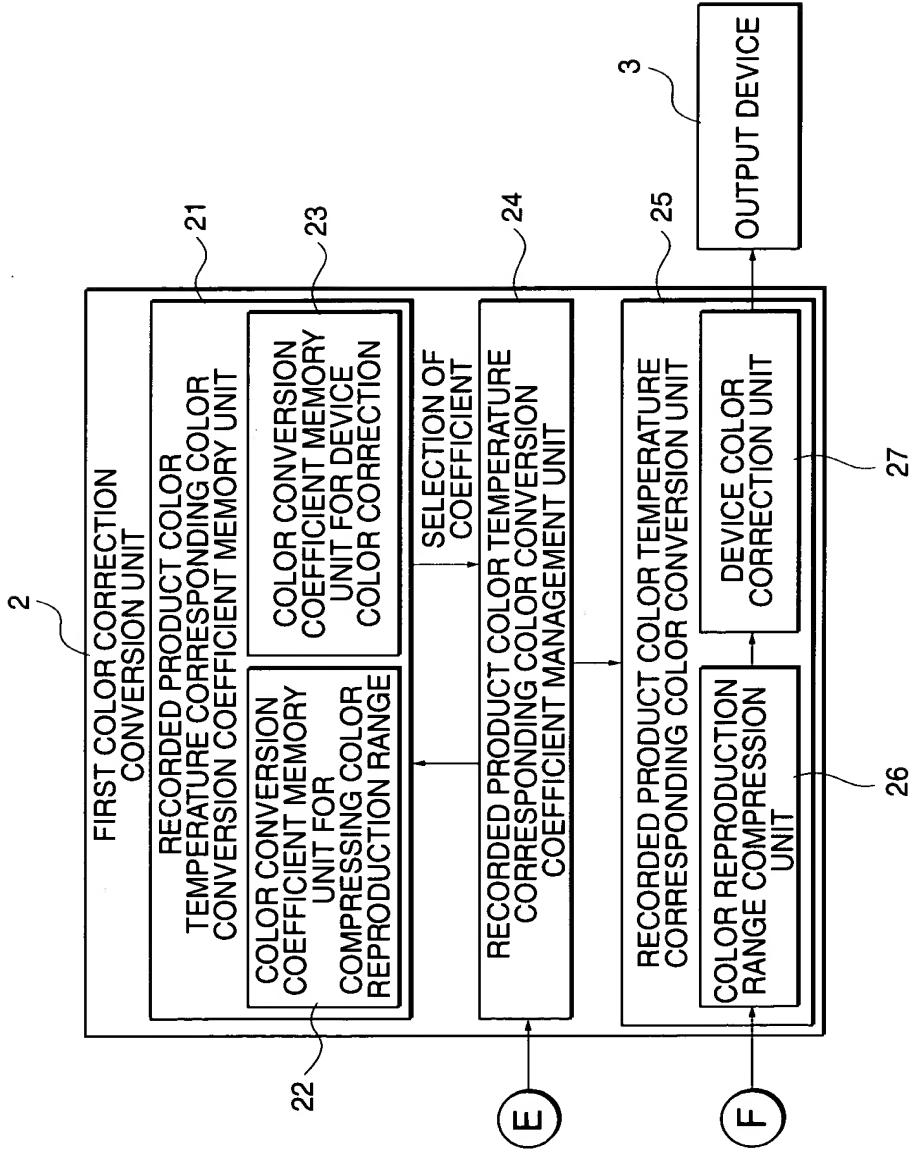


FIG.21A

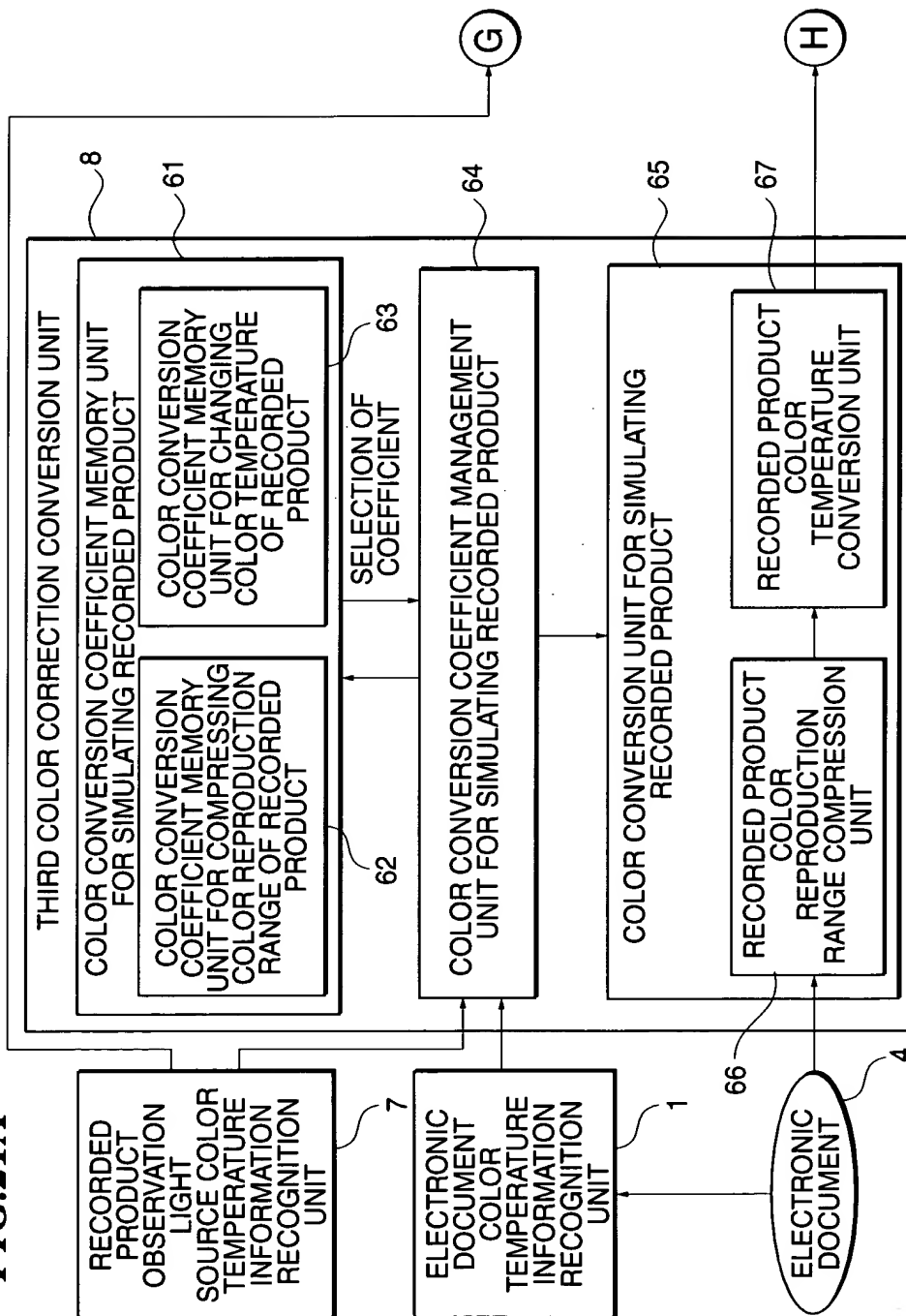


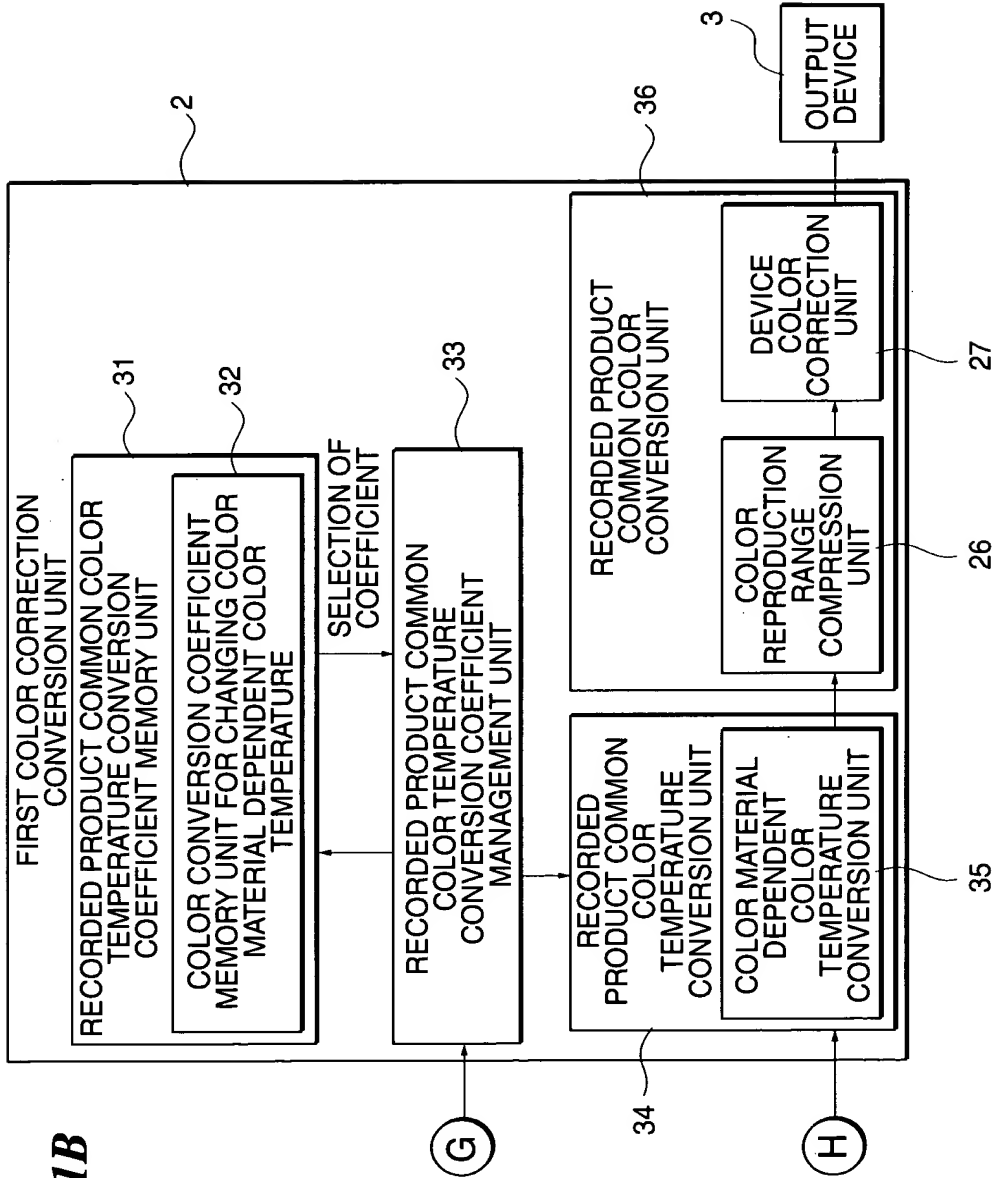
FIG.21B

FIG.22

FILE	DISPLAY	COMMON FUNCTIONS	SIMULATION
		DOCUMENT COLOR TEMPERATURE INSTALLATION ENVIRONMENT LIGHT COLOR TEMPERATURE GAMUT ALARM CORRECTION OF APPEARANCE	<div>ON OFF COLOR OF SCREEN</div> <div>BLACK WHITE GRAY (DARK) GRAY (INTERMEDIATE) GRAY (LIGHT)</div>

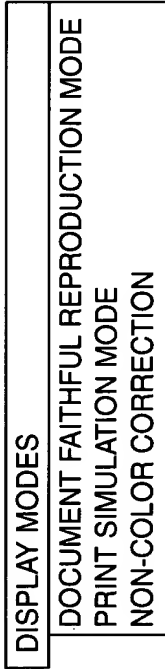
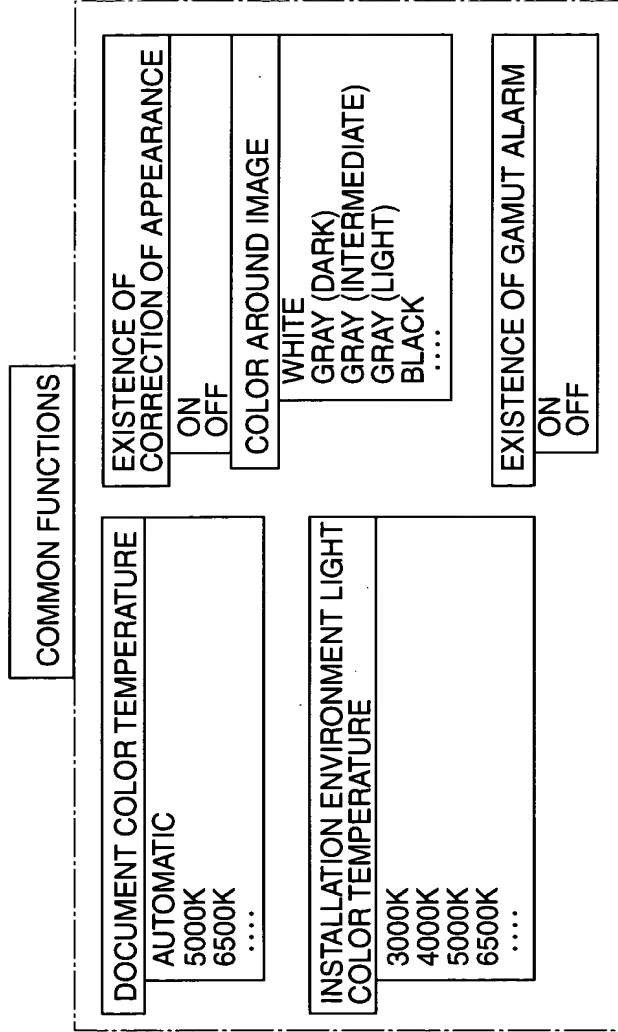
**FIG.23A****FIG.23B**

FIG.24A

PRINT SIMULATION MODE DEDICATED FUNCTIONS	
OBSERVATION ENVIRONMENT LIGHT COLOR TEMPERATURE 3000K 4000K 5000K 6500K	COLOR MATERIAL PHOTO PRINT JapanColor EuroColor SWOP ELECTROPHOTOGRAPH PRINTER 1 PRINTER 2 INK JET PRINTER 1 PRINTER 2
EXISTENCE OF GAMUT ALARM ON OFF	

FIG.24B

INPUT OF EXTERNAL INFORMATION	
MONITOR INSTALLATION ENVIRONMENT LIGHT ON OFF	ENVIRONMENT LIGHT SENSOR DRIVE AUTOMATIC MEASUREMENT TIME INTERVAL 1 MONTH 1 DAY MANUAL MEASUREMENT

FIG.25

<u>OUTPUT MODE</u>	DOCUMENT FAITHFUL REPRODUCTION MODE
DOCUMENT COLOR TEMPERATURE	5000K
<u>PRINT SIMULATION MODE</u>	
OBSERVATION ENVIRONMENT LIGHT COLOR TEMPERATURE	4000K
COLOR MATERIAL	JapanColor
GAMUT ALARM	NONE

FIG.26A

DISPLAY MODES
DOCUMENT FAITHFUL REPRODUCTION MODE
PRINT SIMULATION MODE
NON-COLOR CORRECTION

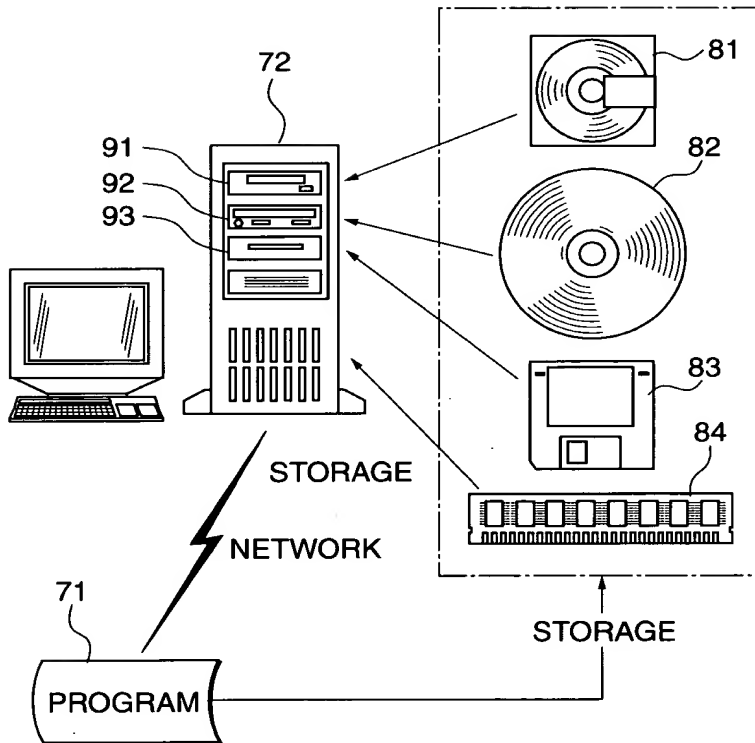
FIG.26B

DOCUMENT COLOR TEMPERATURE
AUTOMATIC
5000K
6500K
....

FIG.26C

PRINT SIMULATION MODE DEDICATED FUNCTIONS															
<table border="1"> <tr> <td>OBSERVATION ENVIRONMENT LIGHT COLOR TEMPERATURE</td> </tr> <tr> <td>3000K</td> </tr> <tr> <td>4000K</td> </tr> <tr> <td>5000K</td> </tr> <tr> <td>6500K</td> </tr> <tr> <td>....</td> </tr> </table>	OBSERVATION ENVIRONMENT LIGHT COLOR TEMPERATURE	3000K	4000K	5000K	6500K	<table border="1"> <tr> <td>COLOR MATERIAL</td> </tr> <tr> <td>PHOTO</td> </tr> <tr> <td>....</td> </tr> <tr> <td>PRINT</td> </tr> <tr> <td>JapanColor</td> </tr> <tr> <td>EuroColor</td> </tr> <tr> <td>SWOP</td> </tr> <tr> <td>....</td> </tr> </table>	COLOR MATERIAL	PHOTO	PRINT	JapanColor	EuroColor	SWOP
OBSERVATION ENVIRONMENT LIGHT COLOR TEMPERATURE															
3000K															
4000K															
5000K															
6500K															
....															
COLOR MATERIAL															
PHOTO															
....															
PRINT															
JapanColor															
EuroColor															
SWOP															
....															
<table border="1"> <tr> <td>EXISTENCE OF GAMUT ALARM</td> </tr> <tr> <td>ON</td> </tr> <tr> <td>OFF</td> </tr> </table>	EXISTENCE OF GAMUT ALARM	ON	OFF	<table border="1"> <tr> <td>ELECTROPHOTOGRAPH</td> </tr> <tr> <td>PRINTER 1</td> </tr> <tr> <td>PRINTER 2</td> </tr> <tr> <td>....</td> </tr> <tr> <td>INK JET</td> </tr> <tr> <td>PRINTER 1</td> </tr> <tr> <td>PRINTER 2</td> </tr> <tr> <td>....</td> </tr> <tr> <td>....</td> </tr> <tr> <td>....</td> </tr> </table>	ELECTROPHOTOGRAPH	PRINTER 1	PRINTER 2	INK JET	PRINTER 1	PRINTER 2	
EXISTENCE OF GAMUT ALARM															
ON															
OFF															
ELECTROPHOTOGRAPH															
PRINTER 1															
PRINTER 2															
....															
INK JET															
PRINTER 1															
PRINTER 2															
....															
....															
....															

FIG.27



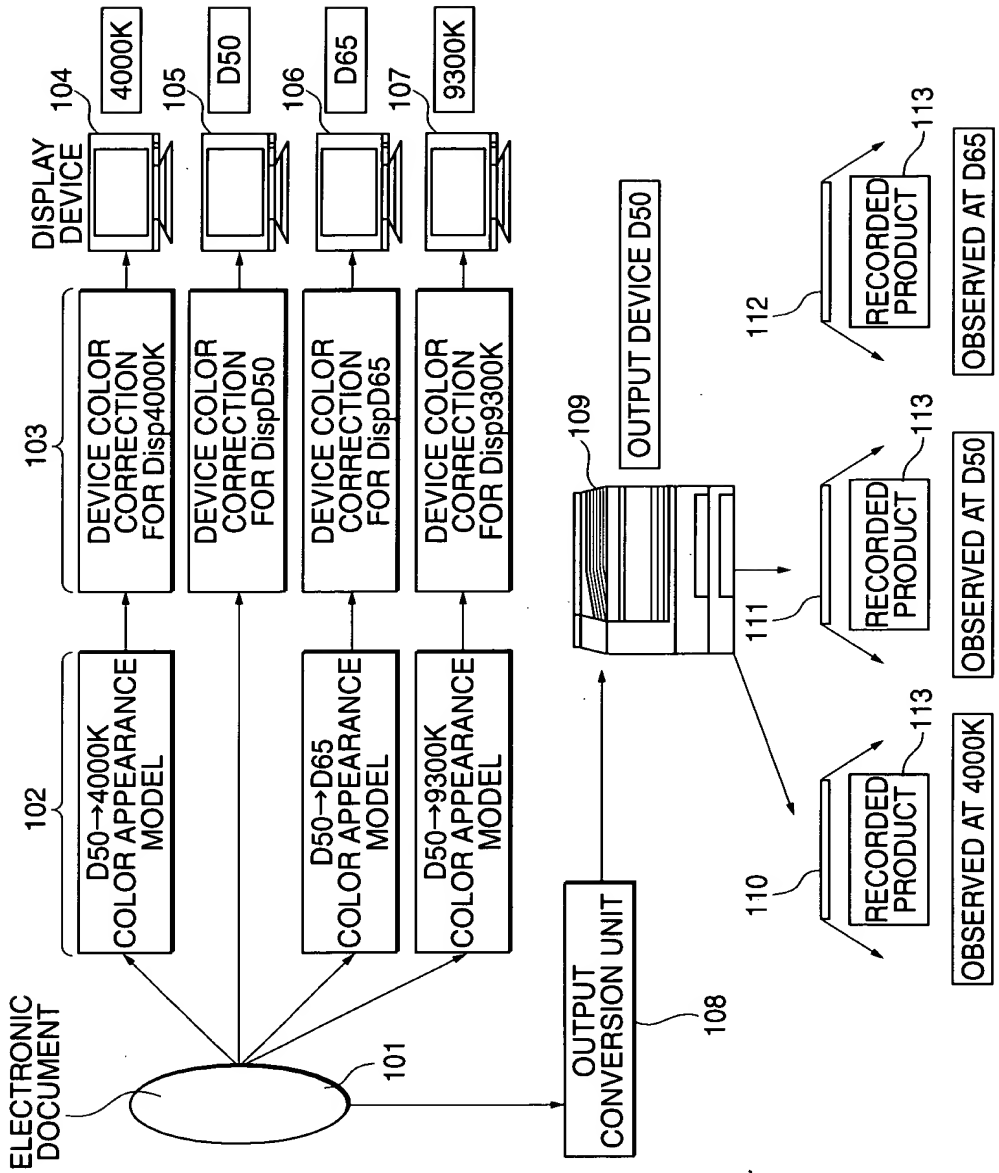


FIG.28